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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(s): CUBERES ALTISEN et al.

SERIAL NO.: 10/804,558

ART UNIT:

FILING DATE: 3/19/04

EXAMINER:

TITLE: SUBSTITUTED AZETIDINE COMPOUNDS, THEIR
PREPARATION AND USE AS MEDICAMENTS

ATTORNEY

DOCKET NO.: 785-011731-US (PAR)

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
(37 C.F.R. §1.97(b)(3))

Sir:

This information disclosure statement is being filed before the mailing of a first Office Action on the merits.

The following information is being disclosed to the Patent and Trademark Office as information that may be material to the examination of the above-identified patent application. Applicants' Attorney is aware of the following references:

US 5,073,646

DE 299 21 689 U1

"Health Aspects of Cannabis", Leo E. Hollister

"Chemistry and pharmacology of cannabis", Renu Seth et al.

"Potential Role of Cannabinoids for Therapy of Neurological Disorders", Consroe and Sandyk

"Novel Syntheses of 1,3,3-Trinitroazetidine", Alan R. Katritzky,
et al.

"Acylative Dealkylation of *N*-tert-Butyl-3-substituted Azetidines:
Facile Access to [1.1.0] Azabicyclobutane, 3-Hydroxyazetidinium
Hydrochloride, and 3-Azetidinones", Paritosh R. Dave

"Synthesis of Novel Four-Membered Ring Amino Acids as Modulators
of the *N*-Methyl-D-Aspartate (NMDA) Receptor Complex", Alan P.
Kozikowski, et al.

"Synthesis of 1,3,3-Trinitroazetidine", Theodore Axenron, et al.

"The selective formation of unsaturated alcohols by hydrogenation
of α,β -unsaturated aldehydes in supercritical carbon dioxide using
unpromoted Pt/Al₂O₃ catalyst", Bhalchandra M. Bhanage, et al.

"Studies on β -Methyl-1-and 3-Phenyl Allyl Chlorides", M.Y.
Shandala, et al.

"Selective Reduction of Carbonyl Compounds by
Polymethylhydrosiloxane in the Presence of Metal Hydride
Catalysts", Hubert Mimoun et al.

"Catalytic Asymmetric Cyclopropanation of Allylic Alcohols with
Titanium-TADDOLate: Scope of the Cyclopropanation Reaction",
Andre B. Charette, et al.

"Thionyl Chloride-Benzotriazole in Methylene Chloride: A
Convenient Solution for Conversion of Alcohols and Carboxylic
Acids Expeditiously into Alkyl Chlorides and Acid Chlorides by
Simple Titration", Sachin S. Chaudhari, et al.

"Activation de la liaison silicium-halogene par les halogenures
de bismuth (III). Halogenation des alcohols: perspectives et
mecanisme [1]", Mireille Labrouillere, et al.

"Syntheses of Two Cytotoxic Sinapyl Alcohol Derivatives and Isolation of Four New Related Compounds from *Ligularia nelumbifolia*", Yu Zhao, et al.

"Towards an Understanding of Cram/*anti*-Cram selectivity on Addition of Crotylboronates to α -Methylbutyraldehyde", Reinhard W. Hoffmann

"Stereospecific Synthesis of 2,3,6-Trisubstituted Piperidines: An Efficient Total Synthesis of (\pm)-Pumiliotoxin C¹", Norman A. LeBel, et al.

"Triphenylphosphine/Dichloroselenurane: A New Reagent for a Selective Conversion of Alcohols into Alkyl Chlorides", Jozef Drabowicz, et al.

"Formation of indole nucleus via intramolecular cyclization of aminophenylpropenyltriphenylphosphonium salts with one-carbon degradation", Shin'ichi Taira et al.

"Benzophenone Derivatives and Related Compounds as Potent Histamine H₃-Receptor Antagonists and Potential PET/SPECT Ligands¹⁾", Astrid Sasse, et al.

"Stereoselective Syntheses of Spicy Components in Peppers", Akihiro Ohta, et al.

"Negative Inotropic and Calcium Antagonistic Activity of Alkyl and Arylalkyl Phosphonates", Cristina Bellucci, et al.

"Synthesis of 6-(3-Aryl-2-propenyl)-2,3-dihydro-5-hydroxybenzofuran Derivatives by Cross Coupling Reactions", Ramon J. Alabaster, et al.

"Antioxidant-Based Inhibitors of Leukotriene Biosynthesis. The Discovery of 6-[1-[2-(Hydroxymethyl)phenyl]-1-propen-3-yl]-2,3-

dihydro-5-benzofuranol, a Potent Topical Antiinflammatory Agent",
Milton L. Hammond, et al.

"Configurational Analysis of 1-Alkyl-2-Methylazetidin-3-ols",
Robert H. Higgins, et al.

"New Synthesis of 2-Azetines and 1-Azabutadienes and the Use of
the Latter in Diels-Alder Reactions: Total Synthesis of (\pm)- δ -
Coniceine", Michael E. Jung, et al.

"Cyclization of 1-Alkylamino-3-halo-2-alkanols to 1-Alkyl-3-
azetidins", V.R. Gaertner

"Solid-Phase Synthesis of Oximes", Hajipour, A.R., et al.

"A Short, Efficient Synthesis of Substituted Uracil: An Indane
Carbocyclic Nucleoside", Franco Fernandez, et al.

"Benzhydryl and Fluorenyl Lactamimides with Hypoglycemic,
Diuretic, Blood Platelet Aggregation Inhibitory, and
Antiinflammatory Activities", J. Martin Grisar, et al.

"Synthesis of Substituted Benzhydrylamines", Yves Dejaegher, et al.

"7-Azetidinylquinolones as Antibacterial Agents. Synthesis and
Structure-Activity Relationships", Jordi Frigola et al.

"7-Azetidinylquinolones as Antibacterial Agents. 1. Synthesis
and Biological Activity of 7-(2,3-Disubstituted-1-azetidiny)-4-
oxoquinoline- and -1,8-naphthyridine-3-carboxylic Acids.
Properties and Structure-Activity Relationships of Quinolones
with an Azetidine Moiety", Jordi Frigola, et al.

"7-Azetidinylquinolones as Antibacterial Agents. 3. Synthesis,
Properties and Structure-Activity Relationships of the

Stereoisomers Containing a 7-(3-Amino-2-methyl-1-azetidiny) Moiety", Jordi Frigola, et al.

"The First Practical Method for Asymmetric Epoxidation", Ramanuj Goswami

"Progress toward the Total Synthesis of Bafilomycin A₁: Stereoselective Synthesis of the C15-C25 Subunit by Additions of Nonracemic Allenylzinc Reagents to Aldehydes", James A. Marshall, et al.

"Amberlyst-15(H⁺)-NaBH₄-LiCl: An Effective Reductor for Oximes and Hydrazones", Bipul Baruah et al.

"The Synthesis of Azetidine-3-carboxylic Acid", Arthur G. Anderson, et al.

"The Azetidines, Recent Synthetic Developments", Norman H. Cromwell, et al.

"Synthese de 1' amino-3 azetidine", Dino Nisato, et al.

"A Short Enantioselective Synthesis of N-Boc- α -Amino Acids from Epoxy Alcohols", Marta Poch, et al.

"A Versatile Enantiospecific Approach to 3-Azetidinols and Aziridines", Marta Poch, et al.

"Synthesis of 1-Alkyl-3-Hydroxy-2-Phenylazetidines", Takashi Toda, et al.

"Ring Opening of Azetidinols by Phenols: Regiochemistry and Stereochemistry", Robert H. Higgins, et al.

"Synthetic Applications of 1-Aminoalkyl Chloromethyl Ketones. Synthesis of Enantiopure 3-Azetidinols and Aminoalkyl Epoxides", Jose Barluenga, et al.

"A human whole blood assay for clinical evaluation of biochemical efficacy of cyclooxygenase inhibitors", Brideau et al.

"Reactivos Bioquimicos y Organicos para investigation en biociencias" Sigma

"Basic Section, A new and sensitive method for measuring thermal nociception in cutaneous hyperalgesia", K. Hargreaves, et al.

"Carrage Edema in Hind Paw of the Rat as an Assay for Antiinflammatory Drugs", Charles A. Winter, et al.

"Selective Inhibition of Cyclooxygenase (COX)-2 Reverses Inflammation and Expression of COX-2 and Interleukin 6 in Rat Adjuvant Arthritis", Gary D. Anderson, et al.

"Effect of nimesulide on cyclo-oxygenase activity in rat gastric mucosa and inflammatory exudate", O. Tofanetti, et al.

"New Cyclooxygenase-2/5-Lipoxygenase Inhibitors. 1. 7-tert-Butyl-2,3-dihydro-3,3-dimethylbenzofuran Derivatives as Gastrointestinal Safe Antiinflammatory and Analgesic Agents: Discovery and Variation of the 5-Keto Substituent", John M. Janusz, et al.

4 pages of Product Information by product number from product catalog (www.caymanchem.com)

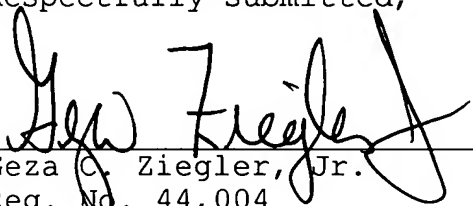
"Amberlyst-15(H⁺)-NaBH₄-LiCl: An Effective Reductor for Oximes and Hydrazones", Bipul Baruah et al.

Copies of these references are enclosed together with a Form PTO-1449.

The filing of this Statement is not to be construed as a representation that a search has been made regarding the claimed invention (37 C.F.R. §1.97(g)) or that no other possible material information exists. In addition, the filing of this Information Disclosure Statement is not to be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability (37 C.F.R. §1.97(h)).

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,



Geza C. Ziegler, Jr.
Reg. No. 44,004

28 October 2007
Date

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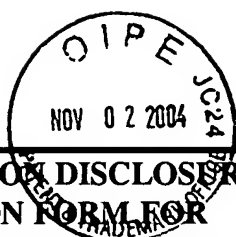
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**INFORMATION DISCLOSURE
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Group:

U.S. PATENTS

Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
	5,073,646	12/17/91	Pinol et al.	548	953	6/20/90

U.S. PATENT PUBLICATIONS

Initials	Publication No.	Pub. Date	Name	Class	Sub-class	Filing Date

FOREIGN PATENT DOCUMENTS

Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a
	DE 299 21 689 U1	5/23/01	Germany	Thomas Emde	no

OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)

	"Health Aspects of Cannabis", Leo E. Hollister, Pharmacological Reviews, 38, 1986, 1-20
	"Chemistry and pharmacology of cannabis", Renu Seth et al., Prog-Drug-Res., 1991, Vol. 36, page 71-115
	"Potential Role of Cannabinoids for Therapy of Neurological Disorders", Consroe and Sandyk, Neurobiology and Neurophysiology, 1992, 459-524
	"Novel Syntheses of 1,3,3-Trinitroazetidine", Alan R. Katritzky, et al., J. Heterocyclic Chem. 31, 271-275 (1994)
	"Acylation Dealkylation of <i>N</i> -tert-Butyl-3-substituted Azetidines: Facile Access to [1.1.0] Azabicyclobutane, 3-Hydroxyazetidinium Hydrochloride, and 3-Azetidinones", Paritosh R. Dave, J. Org. Chem. 1996, 61, 5453-5455
	"Synthesis of Novel Four-Membered Ring Amino Acids as Modulators of the <i>N</i> -Methyl-D-Aspartate (NMDA) Receptor Complex", Alan P. Kozikowski, et al., Synlett, 1991, (11), 783-784
	"Synthesis of 1,3,3-Trinitroazetidine", Theodore Axenron, et al., Tetrahedron Letters, Vol. 34, No. 42, pp. 6677-6680, 1993

Examiner's Signature:

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Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered.
Include a copy of this citation form with your next correspondence to the Applicant(s).

INFORMATION DISCLOSURE CITATION FORM FOR PATENT APPLICATION (FORM PTO-1449) (Substitute)			Docket No.: 785-011731-US (PAR) Serial No.: 10/804,558 Applicant(s): CUBERES ALTISEN, et al. Filing Date: 3/19/04 Group:			
U.S. PATENTS						
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OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)						
	"The selective formation of unsaturated alcohols by hydrogenation of α,β -unsaturated aldehydes in supercritical carbon dioxide using unpromoted Pt/ Al_2O_3 catalyst", Bhalchandra M. Bhanage, et al., Catalysis Letters 62 (1999) 175-177					
	"Studies of β -Methyl-1-and 3-Phenyl Allyl Chlorides", M.Y. Shandala, et al., Tetrahedron Vol. 40, No. 7, pp. 1195 to 1198, 1984					
	"Selective Reduction of Carbonyl Compounds by Polymethylhydrosiloxane in the Presence of Metal Hydride Catalysts", Hubert Mimoun et al., J. Org. Chem. 1999, 64, 2582-2589					
	"Catalytic Asymmetric Cyclopropanation of Allylic Alcohols with Titanium-TADDOLate: Scope of the Cyclopropanation Reaction", Andre B. Charette, et al., J. Am. Chem. Soc. 2001, 123, 12168-12175					
	"Thionyl Chloride-Benzotriazole in Methylene Chloride: A Convenient Solution for Conversion of Alcohols and Carboxylic Acids Expeditiously in Alkyl Chlorides and Acid Chlorides by Simple Titration", Sachin S. Chaudhari, et al., Synlett 1999, No. 11, 1763-1765					
	"Activation de la liaison silicium-halogene par les halogenures de bismuth (III). Halogenation des alcohols: perspectives et mecanisme [1]", Mireille Labrouillere, et al., Bull Soc Chim Fr (1995) 132, 522-530					
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	"Syntheses of Two Cytotoxic Sinapyl Alcohol Derivatives and Isolation of Four New Related Compounds from Ligularia nelumbifolia" Yu Zhao, et al., J. Nat. Prod. 2002, 65, 902-908					
	"Towards an Understanding of Cram/ <i>anti</i> -Cram selectivity on Addition of Crotylboronates to α -Methylbutyraldehyde", Reinhard W. Hoffman, Chem. Ber. 123 (1990) 2387-2394					
	"Stereospecific Synthesis of 2,3,6-Trisubstituted Piperidines: An Efficient Total Synthesis of (\pm)-Pumiliotoxin C", Norman A. LeBel, et al., J. Am. Chem. Soc. 1989, 111, 3363-3368					
	"Triphenylphosphine/Dichloroselenurane: A New Reagent for a Selective Conversion of Alcohols into Alkyl Chlorides", Jozef Drabowicz, et al., J. Org. Chem. 1998, 63, 9565-9568					
	"Formation of indole nucleus via intramolecular cyclization of aminophenylpropenyltriphenylphosphonium salts with one-carbon degradation", Shin'ichi Taira et al., Tetrahedron Letters 43 (2002) 8893-8896					
	"Benzophenone Derivatives and Related Compounds as Potent Histamine H ₃ -Receptor Antagonists and Potential PET/SPECT Ligands", Astrid Sasse, et al., Arch. Pharm. Pharm. Med. Chem. 2001, 334(2), 45-52					
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	"Stereoselective Syntheses of Spicy Components in Peppers", Akihiro Ohta, et al., Heterocycles, Vol. 32, No. 5, 1991, 965-973					
	"Negative Inotropic and Calcium Antagonistic Activity of Alkyl and Arylalkyl Phosphonates", Cristina Bellucci, et al., IL FARMACO, 44 (12), 1167-1191; 1989					
	"Synthesis of 6-(3-Aryl-2-propenyl)-2, 3-dihydro-5-hydroxybenzofuran Derivatives by Cross Coupling Reactions", Ramon J. Alabaster, et al., Synthesis, 8, 598-603, 1989					
	"Antioxidant-Based Inhibitors of Leukotriene Biosynthesis. The Discovery of 6-[1-[2-(Hydroxymethyl)phenyl]-1-propen-3-yl]-2,3-dihydro-5-benzofuranol, a Potent Topical Antiinflammatory Agent", Milton L. Hammond, et al., J. Med. Chem. 1990, 33, 908-918					
	"Configurational Analysis of 1-Alkyl-2-Methylazetidin-3-ols", Robert H. Higgins, et al., J. Heterocyclic Chem., 1971, 8, 1059-1062					
	"New Synthesis of 2-Azetines and 1-Azabutadienes and the Use of the Latter in Diels-Alder Reactions: Total Synthesis of (±)-δ-Coniceine", Michael E. Jung, et al., J.O.C., 1991, 6729-30					
	"Cyclization of 1-Alkylamino-3-halo-2-alkanols to 1-Alkyl-3-azetidinols", V.R. Gaertner, J. Org. Chem., 1967, 32, 2972-2976					
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OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)						
	"Solid-Phase Synthesis of Oximes", Hajipour, A.R., et al., Synthetic Communications, 29(10), 1697-1701 (1999)					
	"A Short, Efficient Synthesis of Substituted Uracil: An Indane Carbocyclic Nucleoside", Franco Fernandez, et al., Synthesis 2001, No. 2, 239-242					
	"Benzhydryl and Fluorenyl Lactamimides with Hypoglycemic, Diuretic, Blood Platelet Aggregation Inhibitory, and Antiinflammatory Activities", J. Martin Grisar, et al., Journey of Medicinal Chemistry, 1973, Vol. 16, No. 8, 885-893					
	"Synthesis of Substituted Benzhydrylamines", Yves Dejaegher, et al., Synlett 2002, No. 1, 28 12 2001, Article Identifier: 1437-2096, E; 2002, 0, 01, 0113, 0115, ftx, en; G16101ST.pdf., pp. 113-115					
	"7-Azetidinylquinolones as Antibacterial Agents. Synthesis and Structure-Activity Relationships", Jordi Frigola et al., J. Med. Chem. 1993, 36, 801-810					
	7-Azetidinylquinolones as Antibacterial Agents. 2. ¹ Synthesis and Biological Activity of 7-(2,3-Disubstituted-1-azetidiny)-4-oxoquinoline- and -1,8-naphthyridine-3-carboxylic Acids. Properties and Structure-Activity Relationships of Quinolones with an Azetidine Moiety", Jordi Frigola, et al., J. Med. Chem. 1994, 37, 4195-4210					
	"7-Azetidinylquinolones as Antibacterial Agents. 3. Synthesis, Properties and Structure-Activity Relationships of the Stereoisomers Containing a 7-(3-Amino-2-methyl-1-azetidiny) Moiety", Jordi Frigola, et al., J. Med. Chem. 1995, 38, 1203-1215					
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	"The First Practical Method for Asymmetric Epoxidation", Ramanuj Goswami, J. Am. Chem. Soc. 1980, 102, 5974-5976					
	"Progress toward the Total Synthesis of Bafilomycin A ₁ : Stereoselective Synthesis of the C15-C25 Subunit by Additions of Nonacemic Allenylzinc Reagents to Aldehydes", James A. Marshall, et al., Organic Letters, 2000, Vol. 2, No. 18 2897-2900					
	"Amberlyst-15(H ⁺)-NaBH ₄ -LiCl: An Effective Reductor for Oximes and Hydrazones", Bipul Baruah et al., Synlett 1999, No. 4, 409-410					
	"The Synthesis of Azetidine-3-carboxylic Acid", Arthur G. Anderson, Jr., J. Org. Chem., Vol. 57, No. 24, 1972, 3953-3955					
	"The Azetidines, Recent Synthetic Developments", Norman H. Cromwell, et al., Chem. Rev., 1979, 79, 331-358					
	"Synthese de l'amino-3 azetidine" Dino Nisato, et al., J. Heterocyclic Chem. 22, 961-963 (1985)					
	"A Short Enantioselective Synthesis of N-Boc-α-Amino Acids from Epoxy Alcohols", Marta Poch, et al., Tetrahedron Letters, Vol. 34, No. 48, pp. 7781-7784, 1993					
	"A Versatile Enantiospecific Approach to 3-Azetidinols and Aziridines", Marta Poch, et al., Tetrahedron Letters, Vol. 32, No. 47, pp. 6935-6938, 1991					
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	"Synthesis of 1-Alkyl-3-Hydroxy-2-Phenylazetidines", Takashi Toda, et al., Heterocycles, Vol., 33, No. 2, 1992, 511-513					
	"Ring Opening of Azetidinols by Phenols: Regiochemistry and Stereochemistry", Robert H. Higgins, et al., J. Org. Chem. 1994, 59, 2172-2178					
	"Synthetic Applications of 1-Aminoalkyl Chloromethyl Ketones, Synthesis of Enantiopure 3-Azetidinols and Aminoalkyl Epoxides", Jose Barluenga, et al., J. Org. Chem. 1997, 62, 5974-5977					
	"A Human Whole Blood Assay for Clinical Evaluation of Biochemical Efficacy of Cyclooxygenase Inhibitors", C. Brideau, et al., Flamm Res 45:68-74 (1996)					
	"Reactivos Bioquimicos y Organicos Para Investigation en Biociencias", 2002-2003, Sigma, page 1222					
	"Basic Section, A New and Sensitive Method for Measuring Thermal Nociception in Cutaneous Hyperalgesia", K. Hargreaves, et al., Pain, 32 (1988) 77-88					
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	"Carrage Induced Edema in Hind Paw of the Rat as an Assay for Antiinflammatory Drugs", Charles A. Winter, et al., Proc. Soc. Exp. Biol. Med. 111, 544-547 (1962)					
	"Selective Inhibition of Cyclooxygenase (COX)-2 Reverses Inflammation and Expression of COX-2 and Interleukin 6 in Rat Adjuvant Arthritis", Gary D. Anderson, et al., J. Clin. Invest., Volume 97, Number 11, June 1996, 2672-2679					
	"Effect of Nimesulide on cyclo-oxygenase activity in rat gastric mucosa and inflammatory exudate", O. Tofanetti, et al., Med. Sci. Res., 1989, 17, 745-746					
	"New Cyclooxygenase-2/5-Lipoxygenase Inhibitors. 1. 7-tert-Butyl-2,3-dihydro-3,3-dimethylbenzofuran Derivatives as Gastrointestinal Safe Antiinflammatory and Analgesic Agents: Discovery and Variation of the 5-Keto Substituent", John M. Janusz, et al., J. Med. Chem, 1998, 41, 1112-1123					
	4 pages of Product Information by Product Number from www.caymanchem.com product catalog					
	"Amberlyst-15(H ⁺)-NaBH ₄ -LiGl: An Effective Reductor for Oximes and Hydrazones", Bipul Baruah et al., Synlett 1999, No. 4, 409-410					
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